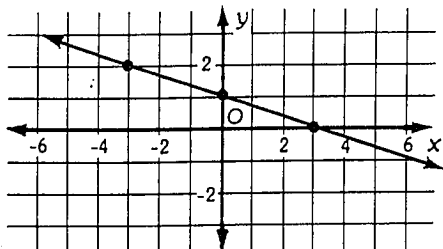


PRACTICE MASTER 30**Part 1****Use after Section 7.5, Chapter 7.**

Find the slope of each line.

1. $m =$ _____



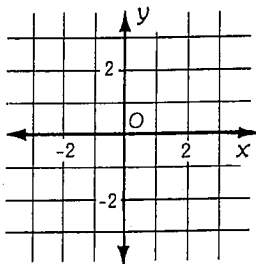
2. a line containing points (1, 3) and (2, 6) _____

3. a line containing points (-2, 3) and (1, -6) _____

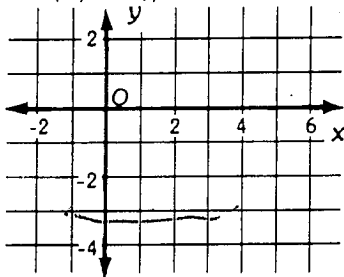
4. a line containing points (1, 1) and (-2, -2) _____

Draw the graph of the line, given a point on the line and the slope of the line.

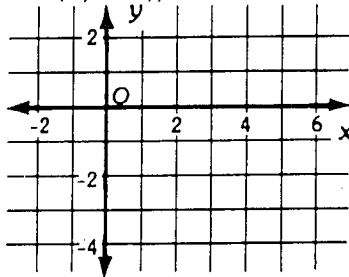
5. (0, 0), $m = 1$



6. (1, -2), $m = -2$



7. (0, -1), $m = 3$



Without graphing, determine if the three given points lie on the same straight line. (yes or no)

8. (0, 1), (-1, 0), (-3, -2) _____

9. (-2, 2), (0, -6), (1, -4) _____

Part 2**Use after Section 7.6, Chapter 7.**

Write each equation in slope-intercept form.

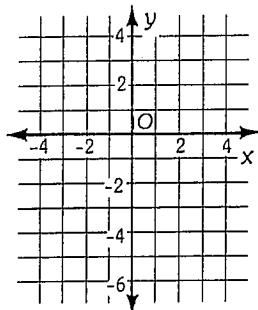
1. $3x - y = 4$

2. $-18 = -3y + x$

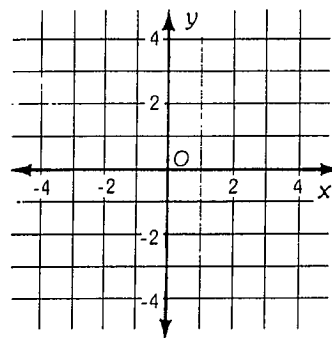
3. $5x - 24 = 4y$

Graph the line for each equation, using the y-intercept and the slope.

4. $y = 3x - 2$



5. $y = -x + 1$



For each pair of equations, tell whether or not the lines are parallel.

6. $y = -3x + 5$
 $y = 3x + 5$

7. $x - y = 25$
 $-16 = y - x$

8. $3y - 2x = 12$
 $4x + 18 = 6y$

PRACTICE MASTER 31**Part 1****Use after Section 7.7, Chapter 7.**

Write the equation of each line in slope-intercept form.

1. slope -2
y-intercept 0

2. slope $\frac{3}{4}$
y-intercept $-\frac{1}{2}$

3. slope $-\frac{1}{4}$
y-intercept 6

4. slope 2
point $(-1, -3)$

5. slope $\frac{1}{2}$
point $(3, 5)$

6. point $(-1, 2)$
point $(2, 1)$

7. point $(3, 4)$
point $(0, 0)$

8. point $(\frac{1}{4}, \frac{3}{4})$
point $(1, -1)$

Write each equation in slope-intercept form, then change the equation to standard form.

9. slope $= 2$; point on line $= (1, 3)$ _____; _____

10. slope $= -1$; point on line $= (\frac{1}{2}, -2)$ _____; _____

Write each equation in standard form.

1. $2x - y = 6 - 4y$ _____

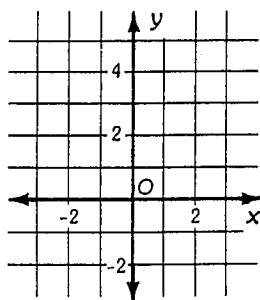
2. $7x + 2y - 2 = 3x + 5$ _____

3. $5x - 4y + 21 = -(6y - 10x)$ _____

Complete the table for each equation. Then draw the graph of the equation.

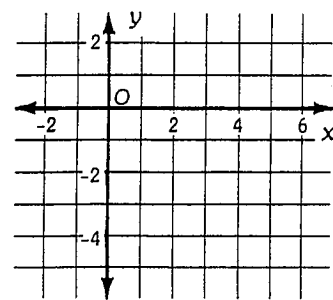
4. $y = 2x + 1$

	y
0	
-1	
2	



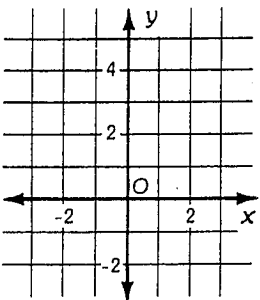
5. $2x - 3y = 12$

x	y
6	
3	
0	



6. $3y - 2x = 6$

x	y
0	
3	
-3	



7. $3 - y = \frac{1}{4}x$

x	y
0	
4	
-4	

